

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2005/001030

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12Q1/68 C07K14/575 A61P3/04 A61P3/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, Sequence Search, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	HUNG C-C C ET AL: "Studies of the Peptide YY and Neuropeptide Y2 Receptor Genes in Relation to human Obesity and Obesity-related Traits" DIABETES, vol. 53, September 2004 (2004-09), pages 2461-2466, XP009055209 the whole document	1-19
Y	WO 01/87341 A (SANWA KAGAKU KENKYUSKO CO LTD) 22 November 2001 (2001-11-22) abstract ----- -/--	1-7, 11-14, 16,19

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&amp;\* document member of the same patent family

Date of the actual completion of the international search

12 October 2005

Date of mailing of the international search report

09/11/2005

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International Application No  
PCT/IB2005/001030

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GAULT VA, O'HARTE FPM, FLATT PR: "Glucose-dependent insulintropic polypeptide (GIP): anti-diabetic and anti-obesity potential?" NEUROPEPTIDES, vol. 37, 2003, pages 253-263, XP002348873 whole document esp. pages 253,256-257 -----	1-7, 11-14, 16,19
Y	WO 03/057235 A (IMPERIAL COLLEGE INNOVATIONS LTD; OREGON HEALTH AND SCIENCE UNIVERSITY) 17 July 2003 (2003-07-17) whole document esp. pages ab, 47-48, 52f, claims -----	1-7,9, 10,14, 15,17
Y	NEARY NM, SMALL CJ, BLOOM SR: "Gut and mind" GUT, vol. 52, 2003, pages 918-921, XP002348874 whole document -----	1-10,14, 15,17,18
Y	ASAKAWA A ET AL: "Characterization of the Effects of Pancreatic Polypeptide in the Regulation of Energy Balance" GASTROENEROLOGY, vol. 124, 2003, pages 1325-1336, XP002348875 whole document esp. 1325,1328,1330,1334-1335 -----	1-10,14, 15,17,18
Y	WO 00/53802 A (HAGER, JOERG) 14 September 2000 (2000-09-14) whole document esp. page 1 -----	1-19
Y	DVORNYK V ET AL: "Current limitations of SNP data from public domain for studies of complex disorders: a test for ten candidate genes for obesity and osteoporosis" BMC GENETICS, ARTICLE 4, vol. 5, February 2004 (2004-02), XP002348876 the whole document -----	1-19
Y	EVANS D, WENDT D, WOLF AM: "Association between polymorphisms in candidate genes and morbid obesity" INTERNATIONAL JOURNAL OF OBESITY, vol. 24, no. Suppl1, 2000, pages 49-52, XP001207389 abstract no 147 -----	1-19
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>SNYDER EE ET AL: "The human obesity gene map: the 2003 update"</p> <p>OBESITY RESEARCH,</p> <p>vol. 12, no. 3, March 2003 (2003-03),</p> <p>pages 369-439, XP002348877</p> <p>whole document esp. page 391</p> <p>-----</p>	1-19

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Information on patent family members

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PCT/IB2005/001030

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			US 2003157107 A1	21-08-2003
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			JP 2002537855 A	12-11-2002
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